

ABSTRACT OF THE DISCLOSURE

A spinal anchor assembly for securing a fixation element includes an anchor element and a twist-in cap. The anchor element is configured for attachment to a bone, typically by comprising a mono- or polyaxial screw or hook, and includes a proximal portion having an open slot for receiving the fixation element and having radially inwardly protruding flange segments. The twist-in cap is received in and closes the open slot. The proximal portion of the anchor and the cap are adapted to twist-lock together by a partial rotation of the cap from an open position to a closed position to cover the slot so as to capture the fixation element and to lock the cap in the closed position.

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